



# PHILIPS

**Philips Medical Systems DMC GmbH**

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**SERVICE MANUAL  
732  
SYSTEM**

**Installation Manual PCR Compano S**

**MCR 2301**

DMC Hamburg

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## **SERVICE MANUAL – SYSTEM**

### **Installation Manual PCR Compano S**

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#### **MCR 2301**

In case there are any questions concerning this manual,  
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**List of pages and drawings (LOPAD)**

**Manual Order No: 4512 984 25401**  
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1  
2  
3 ...9 (02.0)

Contents

1 Introduction.....4

2 Quick Installation Guide .....5

2.1 Installing the Reader.....5

2.2 Installing the Console PC .....8

2.3 Software installation and configuration.....9

## 1 Introduction

### System components

A PCR Compano system consists of the following components:

- Reader (IR-346RU)
- PCR Console (PC + optional touch screen)

### Documentation

The following documentation is delivered:

<b>CD-ROM: PCR Compano Systems</b>	4512 984 25621
Containing all Manuals, Bulletins, etc. as PDF	

#### **System**

Installation Manual PCR Compano S	This manual
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#### **PCR Console**

Service Manual PCR Preview Unit / PCR Console	4512 984 24581
Service Manual CR-IR346CL	PDF only
Release Bulletin Console Compano S	4512 984 25101
Spare Parts List PCR Preview Unit / PCR Console	4512 984 24631

#### **PCR Compano Reader**

Service Manual PCR Compano Reader	4512 984 24571
Release Bulletin PCR Compano Reader	4512 984 24591
Spare Parts List PCR Compano Reader	4512 984 24621

The spare parts list can be ordered also as paper copy.

## 2 Quick Installation Guide

This chapter describes roughly the steps to be performed during installation of a PCR Compano system. Detailed procedures can be found in the belonging Subsystem manuals and Release Bulletins.

### Installation overview

- Unpack and install the Reader (hardware)
- Unpack and install the Console PC + Monitor
- Software installation and configuration according the **Release Bulletin Console Compano S**

## 2.1 Installing the Reader

### Unpacking the Reader

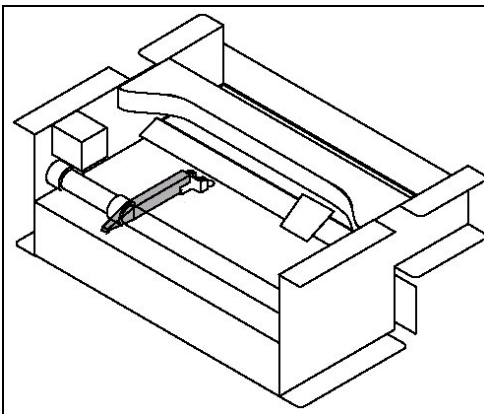
- Remove the machine-wrapping protective material.
- Remove the vinyl cover.
- Lower the machine onto the carrier pallet. As the four nuts are loosened, the machine retaining base is lowered, so that the machine rests down on the carrier pallet.
- Attach the displacement prevention member.
- Slide the position of the fitting of the slope.
- Move the reader from the pallet.

### Removing the transport lockings

- Remove the two stripes of tape from the front cover of the reader and remove the front cover (just magnetic locking, no screws)
- Remove both black light protection covers (upper and lower)
- Remove the tape and the 4 transport lockings. Park the lockings according.
- Reseat the upper light protection cover.

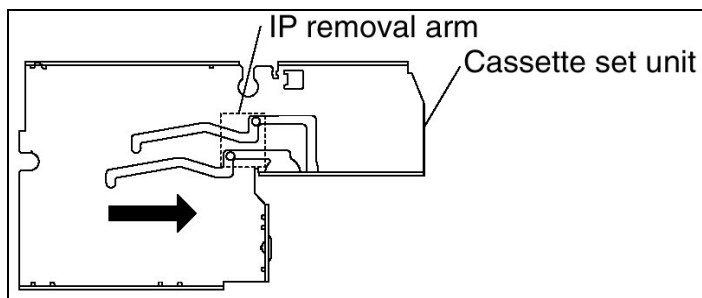
### Setup for inch cassettes

The Reader is factory set for metric cassettes. For using inch cassettes you need to adapt the cassette set unit and change the DIP switch settings on the CPU board. Please follow the instructions below.

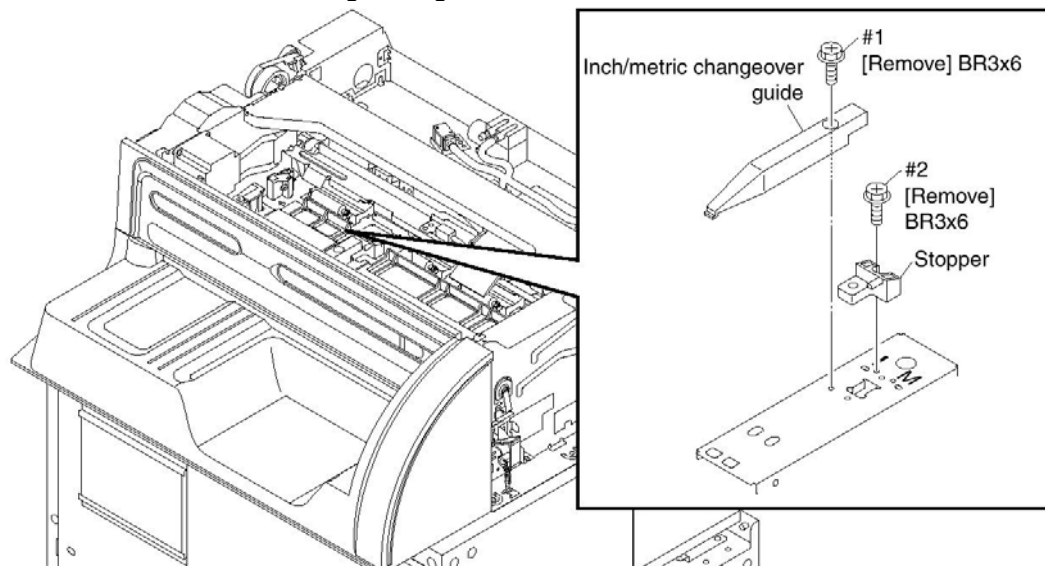


1. Remove the covers:
  - Front cover
  - Right-hand side cover
  - Left-hand side cover
  - Top cover

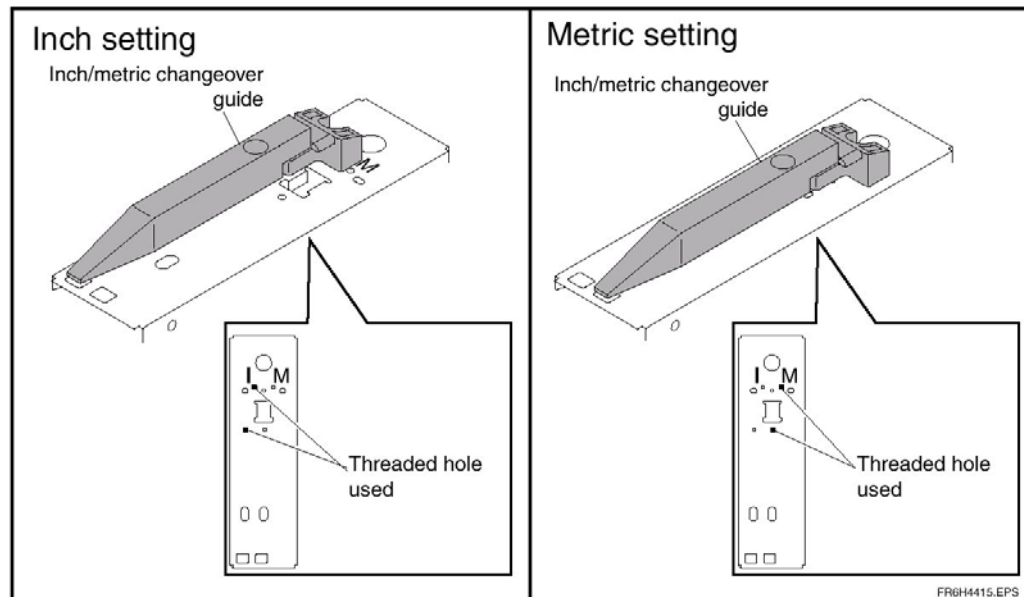
2. Move the IP removal arm to its home position before performing the procedures.



3. Remove the inch/metric changeover guide.



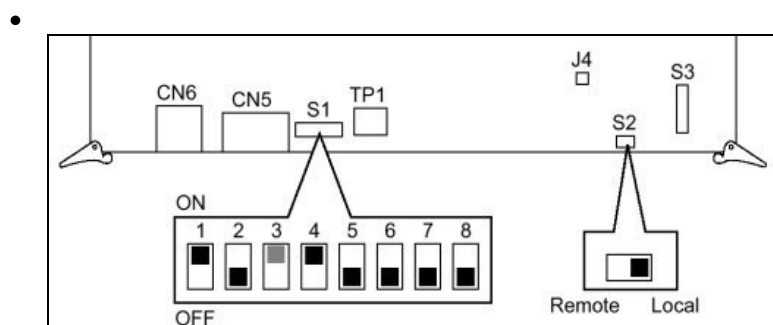
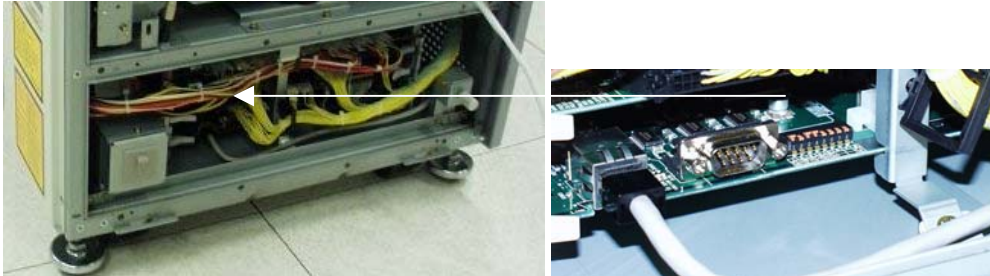
4. Install the inch/metric changeover guide as instructed in the illustration below according to the setting selected.



5. Re-install the covers.

### Checking the CPU settings

- Check the DIP-switch settings (CPU board does not need to be removed):



- Set switch 3 according the used cassette sizes:  
 OFF = Inch cassettes  
 ON = Metric cassettes (**default**)

### Covers and cables

- Reseat the lower light protection cover.
- Connect mains power cable and network cable.

Do not switch on the reader yet.

## 2.2 Installing the Console PC

### Unpacking

- Unpack the monitor
- Unpack the PC

The current types of IBM PC used are: 6568 (Netvista A40, the white one) and 6790 (Netvista M41, the black one). The identification label can be found at the front cover of the PC.

Depending on the delivered IBM PC there are slightly different connection layouts.

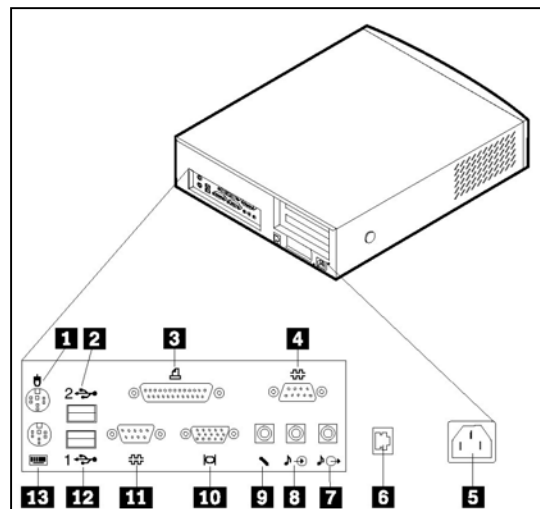
Some connectors on the rear of the computer are color-coded to help to determine where to connect the cables on your computer. The following illustrations shows the location of the connectors on the rear of the computer.

### Type 6568

#### Cable connections

Connect the cables:

- |    |                    |   |                   |
|----|--------------------|---|-------------------|
| 1  | Mouse connector    | → | mouse             |
| 4  | Serial port (COM2) | → | touch screen      |
| 5  | Power connector    | → | mains cable       |
| 6  | Ethernet connector | → | network cable     |
| 10 | VGA connector      | → | monitor / display |
| 13 | Keyboard connector | → | keyboard          |

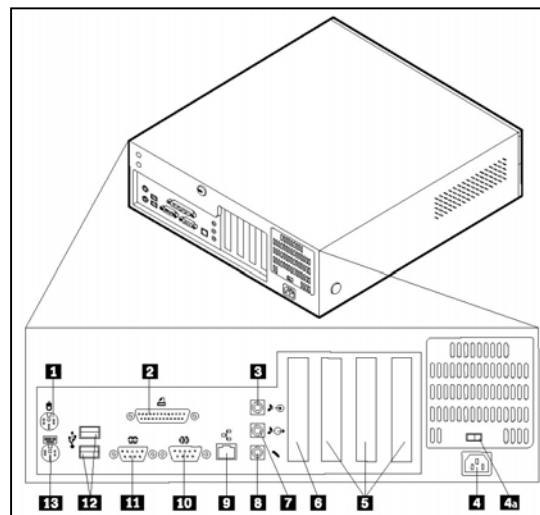


### Type 6790

#### Cable connections

Connect the cables:

- |    |                          |   |                   |
|----|--------------------------|---|-------------------|
| 1  | Mouse connector          | → | mouse             |
| 4  | Power connector          | → | mains cable       |
| 6  | VGA connector (AGP slot) | → | monitor / display |
| 9  | Ethernet connector       | → | network cable     |
| 10 | Serial port (COM2)       | → | touch screen      |
| 13 | Keyboard connector       | → | keyboard          |



Set the power selector switch (4a) according to the local mains voltage to 115 V or 230 V.



## 2.3 Software installation and configuration

Now perform software installation and configuration according the **Release Bulletin Console Compano S**.

Please note that at least one DICOM print or storage node must be configured at the Console PC. Otherwise the application software does not start up and an error message is displayed.